

I. Amendments to the Claims:

This listing of claims replaces without prejudice all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An inspection lamp having light emitting diodes as a source of radiation suitable for causing visible fluorescence of fluorescent materials, where said light emitting diodes are substantially non-identical in spectral characteristics of their emitted radiation, such that at least one but not all of said light emitting diodes in said inspection lamp produce wavelengths of radiation that are favorable for causing visible fluorescence of some fluorescent materials, and such that one or more different said light emitting diodes in said inspection lamp produce substantially different wavelengths of radiation which are more favorable than the wavelengths of first said light emitting diode(s) for causing visible fluorescence of some fluorescent materials other than first said fluorescent materials, and wherein if one light emitting diode is emitting radiation then at least one other light emitting diode is emitting radiation.

2. (Original) An inspection lamp as set forth in claim 1 where at least one light emitting diode has a peak emission wavelength in the ultraviolet and having at least one light emitting diode with a peak emission wavelength that is visible but suitable for causing visible fluorescence of fluorescent materials.

3. (Original) An inspection lamp as set forth in claim 1 where at least one light emitting diode produces mostly blue visible light and where at least one light emitting diode produces mostly visible violet light or ultraviolet radiation.

4. (Original) An inspection lamp as set forth in claim 3 where at least one light emitting diode has a peak emission wavelength in the range of 425 to 480 nanometers and at least one light emitting diode has a peak emission wavelength in the range of 360 to 430 nanometers.

5 - 48. (Cancelled)

49. (Previously Presented) An inspection lamp having at least one light emitting diode with a peak wavelength which is ultraviolet and at least one light emitting diode having a peak wavelength which is visible.

50. (Currently Amended) An inspection lamp ~~as set forth in claim 25~~ having:

- a. Two or more light emitting diodes which produce radiation suitable for causing visible fluorescence of fluorescent materials,
- b. A plurality of lenses, a lens of the plurality of lenses forward from each of said light emitting diodes to collimate the radiation from each light emitting diode into a beam,

such that each beam of radiation individually associated with each of said light emitting diodes projects forward from its lens and a plurality of beams of radiation simultaneously produced by a plurality of the light emitting diodes merge together,
wherein ~~where~~ at least one light emitting diode with a peak wavelength less than 425 nanometers and at least one light emitting diode with a peak wavelength greater than 425 nanometers.

51 - 57. (Cancelled)

58. (Currently Amended) An inspection lamp ~~as set forth in claim 25~~ having:

- a. Two or more light emitting diodes which produce radiation suitable for causing visible fluorescence of fluorescent materials,
- b. A plurality of lenses, a lens of the plurality of lenses forward from each of said light emitting diodes to collimate the radiation from each light emitting diode into a beam,

such that each beam of radiation individually associated with each of said light emitting diodes projects forward from its lens and a plurality of beams of radiation simultaneously produced by a plurality of the light emitting diodes merge together,
wherein ~~where~~ the lenses are part of a lens assembly that is movable to permit adjustment of beam characteristics.

59 - 76. (Cancelled)

77. (Original) A spot light comprising two or more light emitting diodes and a lens forward from each of the light emitting diodes such that the light from the light emitting diodes is collimated into a beam.

78. (Original) The spot light of claim 77, wherein each of one or more of the LEDs is offset from the optical center of its associated lens to cause the radiation passing through the lenses to be substantially superimposed to the target area at the target distance.

79. (Original) The spot light of claim 77 wherein the resultant beam is suitable for use as a fixed spot light.

80 - 90. (Cancelled)

91. (Original) The spot light of claim 77 wherein the light emitting diodes individually produce light of different colors that combine to form light that is essentially white.

92 - 102. (Cancelled)

103. (Original) An LED light, comprising: a plurality of LEDs emitting electromagnetic radiation, and a lens associated with each LED so that the electromagnetic radiation passing through all lenses from their associated LEDs is substantially superimposed to a target area at a target distance from the lenses.

104 - 115. (Cancelled)

116. (Original) The LED and lens assembly of claim 105, wherein the lenses are comprised within and spaced about a single lens mount, and the LEDs are mounted on a printed circuit board.

117. (Original) The LED and lens assembly of claim 116, further comprising a spacer through which the LEDs project, the spacer for correctly spacing the LEDs with respect to one another for alignment with the lenses.

118. (Original) The LED and lens assembly of claim 116, further comprising a separator between the lens mount and the LEDs, such that light from each LED cannot pass through the separator to a lens not associated with LED, and light from each LED can pass through the separator to the lens associated with that LED.

119. (Original) The LED and lens assembly of claim 116, further comprising a baffle, the baffle including a spacer through which the LEDs project, the spacer for correctly spacing the LEDs with respect to one another for alignment with the lenses, and the baffle including a separator between the lens mount and the LEDs, such that light from each LED cannot pass through the separator to a lens not associated with LED, and light from each LED can pass through the separator to the lens associated with that LED.

120. (Original) The LED and lens assembly of claim 119 wherein the baffle and lens mount are fixed to one another to limit relative movement of the baffle and the lens mount.

121. (Currently Amended) The LED and lens assembly of claim ~~446~~ 118 wherein the printed circuit board is held in fixed relationship to the lens mount, with a desired distance between the lenses and their associated LEDs.

122. (Original) The LED and lens assembly of claim 116, wherein the lens mount has a tubular body extending away from the lenses, and the baffle fits within the tubular body until the separator meets the lens mount about the lenses.

123. (Original) The LED and lens assembly of claim 116 wherein the lens mount and lenses are integrated in a single piece of plastic.

124. (Original) The LED and lens assembly of claim 116 wherein the lens mount and lenses are formed from multiple fused pieces of plastic.

125. (Original) The LED and lens assembly of claim 116 wherein the lens mount has a tubular body extending away from the lenses, and the printed circuit board is fixed to the tubular body.